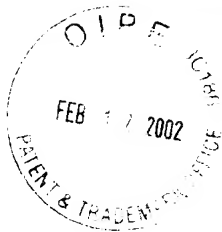


ARNOLD & PORTER

202.942.5000
202.942.5999 Fax

555 Twelfth Street, NW
Washington, DC 20004-1206



February 12, 2002

Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Utility Patent Application No. 09/614,221
Filed: July 11, 2000
For: **Nucleic Acid Molecules and Other Molecules Associated With
Sterol Synthesis and Metabolism**
Inventors: Balasulojini KARUNANANDAA *et al.*
Our Ref: 16516.075

Sir:

The following documents are forwarded herewith for appropriate action by the
U.S. Patent and Trademark Office:

1. Copy of Notice to Comply With Requirements for Patent Applications
Containing Nucleotide Sequence and/or Amino Acid Sequence
Disclosures dated January 10, 2002;
2. Response to Notice to Comply With Requirements for Patent Applications
Containing Nucleotide Sequence and/or Amino Acid Sequence
Disclosures;
3. Substitute Paper copy of Sequence Listing (737 pages);
4. Substitute Sequence Listing in Computer Readable Form (CRF) on a
Floppy Diskette;
5. Statement Regarding Sequence Submission; and
6. Return postcard.

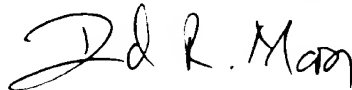
It is respectfully requested that the attached postcard be stamped with the filing
date of these documents and returned to our courier.

ARNOLD & PORTER

Commissioner for Patents
February 12, 2002
Page 2

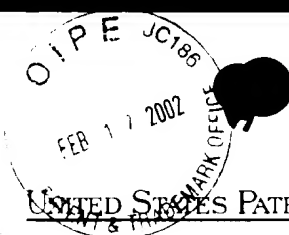
The Commissioner is hereby authorized to charge any fee deficiency, and or credit any overpayment to our Deposit Account No. 50-1824, referencing matter no. 16516.075.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "D. R. Marsh".

David R. Marsh (Reg. No. 41,408)
Andrew S. Brenc (Reg. No. 45,534)

Attachments



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20220
www.uspto.gov

APPLICATION NUMBER	FILING RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09 614,221	07 11 2000	Balasulojini Karunanandaa	16516.075 05686.0004.NPUS

CONFIRMATION NO. 1614

28381
ARNOLD & PORTER
IP DOCKETING DEPARTMENT, RM 1126(b)
555 12TH STREET, N.W.
WASHINGTON, DC 20004-1206

FORMALITIES LETTER



OC000000007295101

Date Mailed: 01/10/2002

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

A copy of this notice MUST be returned with the reply.

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

**RECEIVED
DOCKET DEPT.
ARNOLD & PORTER**

JAN 14 2002

WASHINGTON, D.C.



UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Balasulojini KARUNANANDAA, *et al.*

Art Unit: 1638

Appln. No.: 09/614,221

Examiner: Not Yet Assigned

Filed: July 11, 2000

Atty. Docket: 16516.075

For: **Nucleic Acid Molecules and Other
Molecules Associated With Sterol
Synthesis and Metabolism**

**Response to Notice to Comply With Requirements for Patent Applications
Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures**

Commissioner for Patents
Washington, DC 20231

Sir:

In response to the Notice to Comply With Requirements for Patent Applications
Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed January 10,
2002, Applicants submit the following documents for appropriate action by the U.S. Patent and
Trademark Office:

A substitute paper copy of the Sequence Listing and a substitute computer readable form
(CRF) of the sequence listing on floppy diskette, containing the file named SeqList.txt, which is
1,439,678 bytes in size (measured in MS-DOS), and which was created on February 1, 2002, are
herein incorporated by reference.

Remarks

The Sequence Listing has been formatted to comply with current 37 C.F.R. § 1.821 *et
seq.* No new matter enters by this Response.

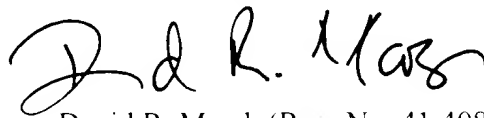
Balasulojini KAREUNANANDAA *et al.*

Appl. No. 09/614,221

Page 2

The Commissioner is hereby authorized to charge any fee deficiency, and/or credit any overpayment, to our Deposit Account No. 50-1824, referencing matter number 16516.075.

Respectfully submitted,



David R. Marsh (Reg. No. 41,408)

Andrew S. Brenc (Reg. No. 45,534)

Date:

Feb 12, 02

ARNOLD & PORTER
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